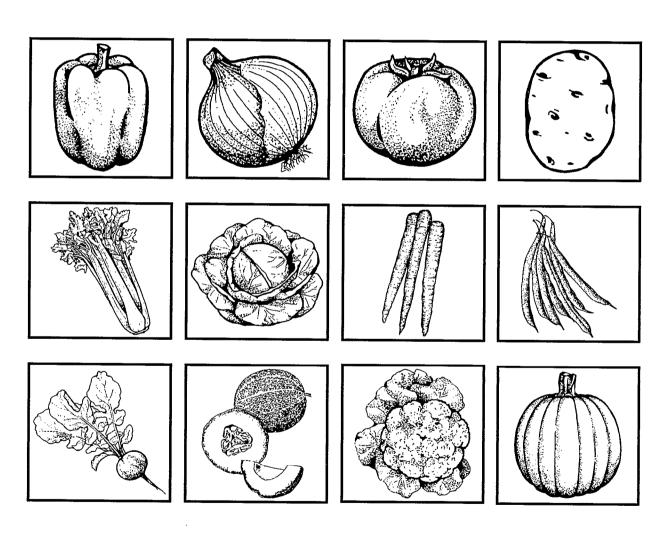
Michigan Rotational Survey

Vegetables 1995-96



Michigan Department of Agriculture

Michigan Agricultural Statistics Service



STATE OF MICHIGAN



Commission of Agriculture

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DEPARTMENT OF AGRICULTURE

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June 1996

We are pleased to present the results of the 1995 Michigan Vegetable Survey. This bulletin represents a cooperative effort between the private and public sectors to provide current vegetable data.

Triennial fruit, vegetable and nursery/Christmas tree surveys began in 1991. This is the fifth report to be published under the Michigan Rotational Survey. The survey is funded by the legislature, administered by the Michigan Department of Agriculture, and conducted by the Federal/State Michigan Agricultural Statistics Service.

We sincerely appreciate the cooperation and assistance of all growers who voluntarily provided the data that made this report possible. We also extend thanks to vegetable processors and other industry officials, Michigan State University Extension Service, and data collectors of the National Association of the State Departments of Agriculture.

We look forward to our continued successful relationship which brings us together for the benefit of Michigan's agricultural industry. If you have any questions regarding this survey, or suggestions for improvement, please contact the Michigan Agricultural Statistics Service at (517) 334-6001.

Sincerely,

David D. Kleweno State Statistician

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Michigan Rotational Survey

Vegetables 1995-96

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Issued cooperatively by:

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This bulletin is provided free to Michigan farmers and reporting agribusiness firms. Others may obtain copies at \$5.00 each. Please make check payable to USDA-NASS and send it with your request to P.O.Box 20008, Lansing, Michigan 48901-0608.

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The state is divided into nine agricultural statistics districts to make data comparison easier. An agricultural statistics district is a contiguous group of counties having relatively similar agricultural characteristics. Each district has within itself more homogeneous agriculture than the state as a whole. They are numbered from north to south and west to east.

Agricultural Statistics Districts Schopleralt District 1-Upper Peninsula 2-Northwest Maken. 3-Northeast 4-West Central Monlealm Gratiot 5-Central 6-East Central 7-Southwest 8-South Central 9-Southeast

Vegetables: Cumulative data

Table 1.-Vegetables: Acres, 1992 and 1995

		1992			1995	
Vegetable	Total planted	Harvested for processing	Harvested for fresh market	Total planted	Harvested for processing	Harvested for fresh market
	Acres	Acres	Acres	Acres	Acres	Acres
Asparagus	20,000	17,200	2,300	17,500	14,600	2,400
Beans, snap	21,200	18,000	1,900	23,800	20,500	1,700
Cabbage	2,550	400	1,950	2,100	300	1,700
Cantaloups	1,200	0	800	900	0	850
Carrots	7,400	1,650	5,100	7,900	1,600	5,700
Cauliflower	850	310	380	700	150	500
Celery	2,800	640	2,060	2,700	700	1,800
Corn, sweet	20,500	7,200	11,000	18,000	4,100	11,500
Cucumbers	28,700	21,500	4,900	33,900	26,000	5,700
Onions, dry	7,600	0	7,200	6,500	0	6,400
Peas, green	1,600	1,500	80	1,700	1,500	50
Peppers, bell	2,600	320	2,000	2,200	350	1,750
Peppers, other	1,200	1,020	120	1,400	1,200	150
Potatoes	49,500	26,500	21,500	55,000	31,500	20,400
Pumpkins	2,500	0	2,100	3,500	0	3,000
Radishes	3,000	0	2,700	3,300	0	3,000
Squash, summer	1,550	700	750	1,900	600	1,200
Squash, winter	2,350	500	1,600	3,100	1,000	2,000
Strawberries	2,200	250	1,750	1,800	180	1,520
Tomatoes	8,800	5,700	2,450	7,200	4,500	2,400
Other ¹	3,600	110	3,360	3,900	220	3,280
State total	191,700	103,500	76,000	199,000	109,000	77,000

Table 2.-Vegetables, other: Number of farms, acres, yield and production

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Vegetable	Farms	Planted	Harvested	Yield	Production
	Number	Acres	Acres	Pounds per	1,000 pounds
				acre	
Beets, red	75	150	140	17,000	2,380
Broccoli	135	250	240	5,000	1,200
Eggplant	50	200	190	20,000	3,800
Greens ¹	50	650	620	10,000	6,200
Lettuce, head	15	300	230	30,000	6,900
Lettuce, others	50	450	350	9,500	3,325
Onions, green	40	300	260	20,000	5,200
Parsnips	10	350	340	15,000	5,100
Rhubarb	10	200	190	10,000	1,900
Turnips	25	450	380	13,000	4,940
Watermelons	120	150	140	20,000	2,800
Other ²	95	450	420		_
State total		3,900	3,500		

¹Includes mustard, collard, kale, turnip greens.

²Includes spinach, rutabagas, brussels sprouts, Chinese cabbage, celery cabbage, celeriac, endive, escarole, horseradish, kohlrabi, lima beans, leek, okra, pak choi, parsley, sweet potatoes, chard, garlic, dill and snow peas.



Table 3.-Vegetables (all): Number of farms and planted acres by size group

Size group	Farms	Percent of total	Planted	Percent of total
Acres	Number	Percent	Acres	Percent
1-10	730	34.3	4,000	2.0
11-25	370	17.4	7,000	3.5
26-50	290	13.6	11,000	5.5
51-100	300	14.1	23,000	11.6
101-250	260	12.2	44,000	22.1
251-500	115	5.4	44,000	22.1
501 or more	65	3.0	66,000	33.2
Total	2,130	100.0	199,000	100.0

Table 4.-Vegetables (for fresh market): Number of farms and harvested acres by size group

Size group	Farms	Percent of total	Harvested	Percent of total
Acres	Number	Percent	Acres	Percent
1-10	720	46.8	3,200	4.1
11-25	307	19.9	5,300	6.9
26-50	180	11.7	6,600	8.6
51-100	160	10.4	11,800	15.3
101-250	115	7.5	19,000	24.7
251-500	42	2.7	14,800	19.2
501 or more	16	1.0	16,300	21.2
Total	1,540	100.0	77,000	100.0

Table 5.-Vegetables (for processing): Number of farms and harvested acres by size group

Size group	Farms	Percent of total	Harvested	Percent of total
Acres	Number	Percent	Acres	Percent
1-10	135	17.8	600	0.6
11-25	105	13.8	2,100	1.9
26-50	140	18.4	5,400	4.9
51-100	140	18.4	11,200	10.3
101-250	125	16.5	20,200	18.5
251-500	76	10.0	27,000	24.8
501 or more	39	5.1	42,500	39.0
Total	760	100.0	109,000	100.0

Yield distributions

Table 6., below, shows percentiles and means for yields. A percentile of 25 means that 25 percent of the reported yields were lower than that value of pounds per acre. Means are weighted yields; the weights are acres. For most crops and utilizations the mean is higher than the median, the 50th percentile. These values indicate that large producers obtained higher yields than small growers.

Table 6.-Yield distributions: By commodity

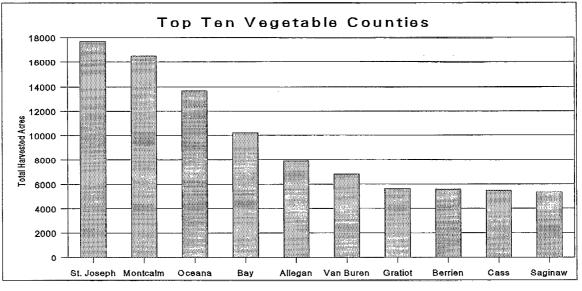
			Perce	ntile		
Commodity	10	25	50	75	90	Mean
			(median)			
	1	1	ield (pound	· 1	1	
Asparagus, fresh	300	700	1,100	1,600	2,000	1,500
Asparagus, processed	600	1,200	1,400	2,000	2,400	1,850
Beans, snap, fresh	1,100	1,900	3,100	6,100	7,100	4,500
Beans, snap, processed	2,900	4,400	5,800	7,500	8,500	6,200
Cabbage, fresh	2,500	4,500	12,000	21,000	32,000	22,000
Cantaloups, fresh	1,700	4,500	10,000	16,000	25,000	15,000
Carrots, fresh	5,500	18,000	27,000	36,000	50,000	34,000
Celery, fresh	12,000	28,000	39,000	45,000	49,000	38,000
Corn, sweet, fresh	1,300	2,500	4,800	8,300	12,000	8,000
Cucumbers, fresh	2,500	5,000	10,000	17,000	21,000	15,000
Cucumbers, processed	5,000	7,000	10,000	18,000	25,000	11,000
Onions, dry, fresh	15,000	20,000	26,000	32,000	36,000	29,000
Peppers, bell, fresh	1,100	1,700	6,000	15,000	23,000	17,000
Peppers, other, processed	2,100	4,700	15,000	20,000	22,000	16,000
Potatoes, fresh	15,000	19,000	25,000	30,000	32,000	27,000
Potatoes, processed	15,000	22,000	30,000	35,000	40,000	32,300
Pumpkins, fresh	3,000	6,000	10,000	16,000	22,000	13,000
Squash, summer, fresh	1,500	3,000	8,200	17,000	37,000	20,000
Squash, winter, fresh	1,800	3,000	8,500	14,000	21,000	16,000
Strawberries, fresh	1,100	2,400	4,300	6,600	1,000	5,900
Tomatoes, fresh	1,900	5,200	11,000	20,000	31,000	15,000
Tomatoes, processed	42,000	53,000	58,000	70,000	79,000	60,000

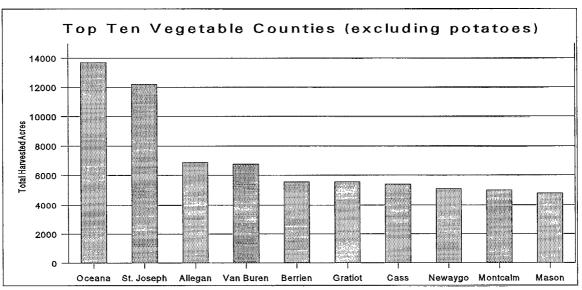
Table 7.-Vegetables: Number of farms and harvested acres, by county

Table 7vege	tables. Mullipel	or rainis and mai	vesteu acres, by	County
County and district	Farms	Processing	Fresh Market	Total .
	Number	Acres	Acres	Acres
Delta	16			850
Dickinson	9			900
Marquette	5	400		700
Other counties	33			650
Upper Peninsula (1)	63			3,100
Grand Traverse	32			1,400
Kalkaska	6	· · · · · · · · · · · · · · · · · · ·		1,900
Manistee	30	· ·		1,250
Wexford	3			850
Other counties	61	150		2,100
Northwest (2)	132			7,500
Alpena	16			1,000
Presque Isle	26			2,750
Other counties	19		•	550
Northeast (3)	61	450		4,300
Mason	61	4,500		4,800
Muskegon	30			3,100
Newaygo	38			5,250
Oceana	176			13,700
Gratiot	43	•	·	5,650
Isabella	14			2,400
Mecosta	23			2,750
Midland	13	<u> </u>		1,900
Montcalm	47			16,500
Other counties	13	•	•	450
West Central (4) and	13	100	330	450
Central (5)	458	43,050	13,450	56,500
Arenac	24			2,400
Bay	97	<u>.</u>		10,200
Saginaw	41	4,500		5,350
Tuscola	27			4,900
Other counties	28			2,150
East Central (6)	217			25,000
Allegan	74			7,900
Berrien	154	850		5,600
Cass	.36	4,000		5,500
Kalamazoo	37			4,550
Kent	84	•		3,650
Ottawa	79			3,400
Van Buren	85		-	6,800
Southwest (7)	549	-		37,400
Branch	23			2,300
Calhoun	23	· ·		750
Clinton	36			1,200
Eaton	22			2,150
Ingham	24			2,150
Ionia	22			1,000
Jackson	20			1,150
St. Joseph	66			17,700
Other counties	45			700
South Central (8)	281	20,300		29,100

Table 7.-Vegetables: Number of farms and harvested acres, by county (continued)

County and district	Farms	Processing	Fresh Market	Total
	Number	Acres	Acres	Acres
Genesee	26	1,000	800	1,800
Lapeer	42	650	3,150	3,800
Lenawee	47	2,900	600	3,500
Livingston	20	30	540	570
Macomb	77	30	3,870	3,900
Monroe	56	2,550	1,950	4,500
Oakland	25	10	640	650
St. Clair	25	180	1,000	1,180
Washtenaw	36	150	1,800	1,950
Wayne	15	О	1,250	1,250
Southeast (9)	369	7,500	15,600	23,100





Vegetables: Individual data Asparagus

Table 8.-Asparagus: Number of farms and acres planted

County and district	Farms	Planted
	Number	Acres
Manistee	16	500
Other counties	13	100
Northwest (2)	29	600
Mason	45	2,300
Muskegon	10	250
Oceana	160	10,200
Other counties	6	200
West Central (4)	221	12,950
Mecosta	9	310
Other counties	6	10
Central (5)	15	320
Allegan	16	170
Berrien	22	530
Cass	9	700
Ottawa	12	250
Van Buren	48	1,050
Other counties	21	300
Southwest (7)	127	3,000
St. Joseph	8	220
Other counties	27	250
South Central (8)	35	470
Southeast (9)	40	130
All other districts	8	30
State total	475	17,500

Table 9.-Asparagus (for fresh market): Harvested acres, yield and production

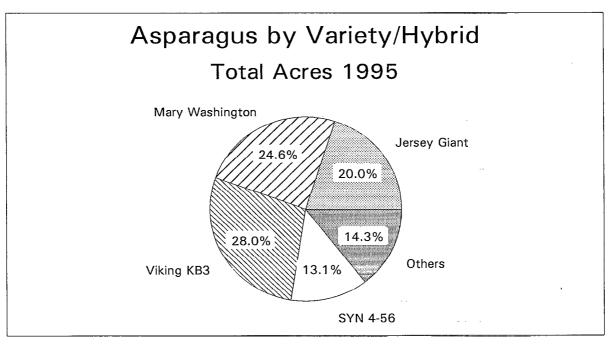
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District	Harvested	Yield	Production
	Acres	Pounds per	1,000 pounds
		acre	
Northwest (2)	150	1,700	250
West Central (4)	800	1,800	1,430
Southwest (7)	900	1,400	1,260
South Central (8)	350	1,200	420
Southeast (9)	140	1,300	180
All other districts	60	1,000	60
State total	2,400	1,500	3,600

Table 10.-Asparagus (for processing): Harvested acres, yield and production

Acres 11.700	Pounds per acre 2,000	1,000 pounds 23,300
11.700		•
11.700	2 000	23,300
		20,000
2,000	1,400	2,800
900	1,000	900
		27,00
-		900 1,000

Table 11.-Asparagus: Total acres in 1995, by variety and year of planting

i abie	i IAspara	igus: Lota	acres in	1995, by	variety and	a year of p	Dianting	
Variety or hybrid	Before 1981	1981-85	1986-90	1991-92	1993	1994	1995	Total
	Acres	Acres	Acres	Acres	Acres	Acres	Acres	Acres
Centennial	0	o	250	0	0	0	0	250
Jersey Giant	180	340	690	150	240	540	360	2,500
Jersey Knight	0	30	40	200	150	180	200	800
Mary Washington	2,150	560	280	10	O	0	0	3,000
SYN 4-56	5	170	1,350	290	50	55	30	1,950
Viking KB3	720	1,900	900	70	0	10	o	3,600
Other varieties	145	200	290	30	10	15	10	700
West Central (4)	3,200	3,200	3,800	750	450	800	600	12,800
Centennial	0	0	140	10	0	0	0	150
Jersey Giant	15	40	520	160	10	170	85	1,000
Jersey Knight	0	0	10	85	75	20	10	200
Mary Washington	580	220	470	30	o	0	0	1,300
SYN 4-56	0	30	270	35	5	5	5	350
Viking KB3	290	490	500	20	o	0	0	1,300
Other varieties	15	120	190	10	10	5	50	400
All other districts	900	900	2,100	350	100	200	150	4,700
Centennial	0	0	390	10	0	0	0	400
Jersey Giant	195	380	1,210	310	250	710	445	3,500
Jersey Knight	0	30	50	285	225	200	210	1,000
Mary Washington	2,730	780	750	40	0	0	o	4,300
SYN 4-56	5	200	1,620	325	55	60	35	2,300
Viking KB3	1,010	2,390	1,400	90	0	10	0	4,900
Other varieties	160	320	480	40	20	20	60	1,100
State total	4,100	4,100	5,900	1,100	550	1,000	750	17,500



Beans, snap

Table 12.-Beans, snap (for processing): Number of farms, acres, yield and production

County and district	Farms	Planted	Harvested	Yield	Production
	Number	Acres	Acres	Pounds per	1,000
				acre	pounds
Grand Traverse	14	1,400			
Kalkaska	4	1,000			
Other counties	3	900			
Northwest (2)	21	3,300	3,100	5,000	15,500
Mason	19	2,600			_
Oceana	9	850			
Other counties	6	550			
West Central (4)	34	4,000	3,800	5,500	20,900
Montcalm	12	1,750			
Other counties	5	1,050			
Central (5)	17	2,800	2,200	6,400	14,100
Cass	6	1,400			
Kalamazoo	16	2,350			
Other counties	3	450			
Southwest (7)	25	4,200	4,000	6,200	24,800
St. Joseph	29	7,000			
Other counties	4	700			
Southwest (7) and					
South Central (8)	33	7,700	7,400	7,000	51,800
State total	130	22,000	20,500	6,200	127,100

Table 13.-Beans, snap (for fresh market): Number of farms, acres, yield and production

County and district	Farms	Planted	Harvested	Yield	Production
	Number	Acres	Acres	Pounds per acre	1,000 pounds
Berrien	15	330		40,0	pourue
Ottawa	12	120			
Other counties	29	90			
Southwest (7)	56	540	510	3,500	1,785
South Central (8)	36	120	110	5,700	625
Macomb	22	500			
Other counties	41	470			
Southeast (9)	63	970	920	5,000	4,600
All other districts	65	170	160	4,000	640
State total	220	1,800	1,700	4,500	7,650

Cabbage

Table 14.-Cabbage (for processing): Number of farms, acres, yield and production

District	Farms	Planted	Harvested	Yield	Production
	Number	Acres	Acres	Pounds per	1,000
			i	acre	pounds
State total	7	300	300	55,000	16,500

Table 15.-Cabbage (for fresh market): Number of farms, acres, yield and production

County and district	Farms	Planted	Harvested	Yield	Production
	Number	Acres	Acres	Pounds per	1,000
				acre	pounds
Upper Peninsula (1)	12	110	100	28,000	2,800
Central (5)	14	140	130	25,000	3,250
Bay	15	140			
Other counties	15	40			
East Central (6)	30	180	170	24,000	4,080
Kent	8	210			
Ottawa	12	230			
Other counties	31	70			
Southwest (7)	51	510	500	21,000	10,500
Macomb	31	290			
Monroe	14	210			
Other counties	37	210			
Southeast (9)	82	710	660	22,000	14,520
All other districts	46	150	140	16,000	2,250
State total	235	1,800	1,700	22,000	37,400

Cantaloups (muskmelons)

Table 16.-Cantaloups: Number of farms, acres, yield, and production

Table 10Cantaloups. Number of familis, acres, yield, and production					
County and district	Farms	Planted	Harvested	Yield	Production
	Number	Acres	Acres	Pounds per	1,000
				acre	pounds
Bay	35	220			
Other counties	16	30			
East Central (6)	51	250	240	15,000	3,600
Berrien	30	110			
Other counties	19	80			
Southwest (7)	29	190	180	16,000	2,880
South Central (8)	40	80	75	18,000	1,350
Macomb	25	70			
Monroe	14	130			
Other counties	46	150	:		
Southeast (9)	85	350	330	14,000	4,620
All other districts	26	30	25	12,000	300

State total	280	900	850	15,000	12,750

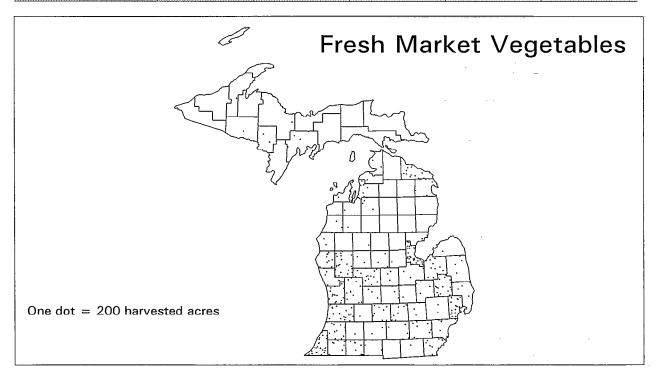
Carrots

Table 17.-Carrots (for fresh market): Number of farms, acres, yield and production

(101 110011 IIIQ	itoti italiboi	or railing, ac	oo, yrora arra	production
Farms	Planted	Harvested	Yield	Production
Number	Acres	Acres	Pounds per	1,000
			acre	pounds
4	420			
8	1,250			
5	180			
17	1,850	1,700	38,000	64,600
5	850			
5	550			
10	1,400	1,300	31,000	40,300
16	550	450	36,000	16,200
18	500	480	25,000	12,000
13	1,050		-	
8	300			
21	1,350	1,250	34,000	42,500
28	550	520	35,000	18,200
110	6,200	5,700	34,000	193,800
	Farms Number 4 8 5 17 5 10 16 18 13 8 21 28	Farms Planted Number Acres 4 420 8 1,250 5 180 17 1,850 5 550 10 1,400 16 550 18 500 13 1,050 8 300 21 1,350 28 550	Farms Planted Harvested Number Acres Acres 4 420 420 8 1,250 5180 17 1,850 1,700 5 850 550 10 1,400 1,300 16 550 450 18 500 480 13 1,050 8 8 300 21 21 1,350 1,250 28 550 520	Number Acres Acres Pounds per acre 4 420

Table 18.-Carrots (for processing): Number of farms, acres, yield and production

Farms	Planted	Harvested	Yield	Production
Acres	Acres	Acres	Pounds per	1,000
			acre	pounds
4	350			
3	250			
7	600	500	40,000	20,000
5	600	600	48,000	28,900
5	400	400	36,000	14,400
1	100	100	39,000	3,900
18	1,700	1,600	42,000	67,200
	Acres , 4 , 3 , 7 , 5 , 5 , 1	Acres Acres 4 350 3 250 7 600 5 600 5 400 1 100	Farms Planted Harvested Acres Acres Acres 4 350 3 250 7 600 500 5 600 600 5 400 400 1 100 100	Farms Planted Harvested Yield Acres Acres Pounds per acre , 4 350 3 250 7 600 500 40,000 40,000 40,000 5 600 600 48,000 500 48,000 5 400 400 36,000 1 100 100 39,000



Cauliflower

Table 19.-Cauliflower: Number of farms and planted acres

District	Farms	Planted
	Number	Acres
Bay	7	135
Other counties	9	45
East Central (6)	16	180
Allegan	13	330
Other counties	27	30
Southwest (7)	40	360
Macomb	25	50
Other counties	34	70
Southeast (9)	59	120
All other districts	45	40
State total	160	700

Table 20.-Cauliflower (for processing): Acres, yield, and production

District	Harvested	Yield	Production
	Acres	Pounds per	1,000 pounds
		acre	pounds
Southwest (7)	150	14,000	2,100
			-
State total	150	14,000	2,100

Table 21.-Cauliflower (for fresh market): Acres, yield, and production

District	Harvested	Yield	Production
	Acres	Pounds per	1,000
		acre	pounds
Southwest (7)	130	8,000	1,050
All other districts	370	12,000	4,450
State total	500	11,000	5,550

Celery

Table 22.-Celery: Number of farms and planted acres

	Transfer of familie	pidireda dorde
County and district	Farms	Planted
	Number	Acres
Muskegon	3	190
Newaygo	3	190
West Central (4)	6	380
Allegan	3	320
Kalamazoo	1	300
Kent	5	320
Ottawa	11	430
Van Buren	4.	380
Southwest (7)	23	1,750
South Central (8)	4	160
Lapeer	2	270
Southeast (9)	2	270
All other districts	4	140
22022200000000000000000000000000000000	***************************************	
State total	39	2,700

Table 23.-Celery (for fresh market): Harvested acres, yield and production

District	Harvested	Yield	Production
	Acres	Pounds per	1,000
		acre	pounds
Southwest (7)	1,350	39,000	52,700
All other districts	450	34,000	15,300
State total	1,800	38,000	68,000

Table 24.-Celery (for processing): Harvested acres, yield and production

District	Harvested	Yield	Production
	Acres	Pounds per acre	1,000 pounds
West Central (4)	300	60,000	18,000
Southwest (7)	250	46,000	11,500
South Central (8)	150	50,000	7,500
South Central (8)	150	50,000	
State total	700	53,000	37,000

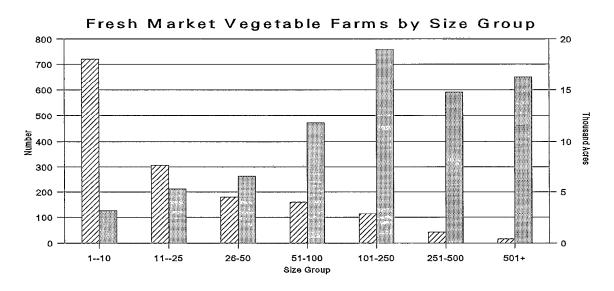
Corn, sweet

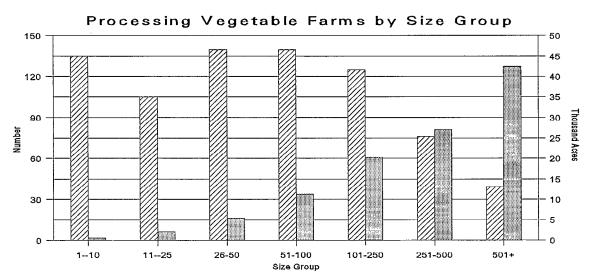
Table 25.-Corn, sweet (for fresh market): Number of farms, acres, yield and production

County and district	Farms	Planted	Harvested	Yield	Production
	Number	Acres	Acres	Pounds per	1,000
			,,	acre	pounds
Charlevoix	8	100			•
Grand Traverse	14	110			
Other counties	38	220			
Northwest (2)	60	430	350	6,500	2,270
Mason	6	120			
Oceana	15	270			
Other counties	14	460			
West Central (4)	35	850	750	9,300	6,975
Isabella	8	90			
Montcalm	8	180			
Other counties	29	160			
Central (5)	45	430	340	6,000	1,740
Bay	48	650			
Saginaw	20	290			
Other counties	32	160	000	7 000	C C40
East Central (6)	100	1,100	900	7,000	6,640
Allegan	24 57	190			
Berrien	38	520 730			
Kent	33	330			
Van Buren	20	260			
Other counties	33	320			
Southwest (7)	205	2,350	2,150	7,500	16,125
Clinton	13	260	2,100	7,000	10,120
lonia	13	200			
Jackson	17	420			
St. Joseph	15	720			
Other counties	67	600			
South Central (8)	125	2,200	1,900	8,000	15,200
Genesee	19	500			
Lapeer	18	600			
Lenawee	11	110			
Livingston	10	150			
Macomb	51	1,600			
Monroe	23	540			
Oakland	17	380			
St. Clair	19	200]		
Washtenaw	22	320			
Wayne	10	1,100			
Southeast (9)	200	5,500	5,000	8,500	42,500
All other districts	30	140	110	5,000	550
***					~~ ~~
State total	800	13,000	11,500	8,000	92,000

Table 26.-Corn, sweet (for processing): Number of farms, acres, yield and production

County and district	Farms	Planted	Harvested	Yield	Production
	Number	Acres	Acres	Pounds per	1,000
				acre	pounds
Cass	6	1,200			
Kalamazoo	14	1,700			
Other counties	4	300			
Southwest (7)	24	3,200	2,700	12,000	32,400
Branch	8	1,300		·	
Other counties	4	500			
South Central (8)	12	1,800	1,400	12,000	16,800
	***************************************		500000000000000000000000000000000000000	44444444444	***************************************
State total	36	5,000	4,100	12,000	49,200





Cucumbers

Table 27.-Cucumbers (for fresh market): Number of farms, acres, yield and production

County and district	Farms	Planted	Harvested	Yield	Production
	Number	Acres	Acres	Pounds per	1,000
				acre	pounds
Newaygo	3	250			
Other counties	3	300			
West Central (4)	6	550	550	23,000	12,650
Bay	17	120			
Other counties	16	360			
East Central (6)	33	480	420	8,000	3,350
Allegan and Cass	18	2,600			
Berrien and					
Van Buren	35	1,680			
Other counties	13	20			
Southwest (7)	66	4,300	4,200	15,000	63,000
South Central (8)	27	300	280	10,000	2,800
Macomb	22	65		,	
Monroe	5	60			
Other counties	39	95			
Southeast (9)	66	220	200	16,000	3,200
All other districts	32	50	50	10,000	500
State total	230	5,900	5,700	15,000	85,500

Table 28.-Cucumbers (for processing): Number of farms, acres, yield and production

County and district	Farms	Planted	Harvested	Yield	Production
	Number	Acres	Acres	Pounds per acre	1,000 pounds
Manistee	10	330			-
Other counties	4	20			
Northwest (2)	14	350	350	22,000	7,700
Muskegon	1	1,400			
Oceana	12	630			
Other counties	4	120			
West Central (4)	17	2,150	2,100	10,000	21,000
Gratiot	21	4,200			
Midland	4	1,500			
Other counties	5	450			
Central (5)	30	6,150	6,050	9,000	54,400
Arenac	14	870			
Bay	14	1,800			
Saginaw	12	3,200			
Tuscola	6	830			
Other counties	5	150	!		
East Central (6)	51	6,850	6,000	9,000	53,900
Allegan	16	2,500		·	
Berrien	12	280			
Kent	10	620			
Van Buren	4	4,000			
Other counties	10	1,200			
Southwest (7)	52	8,600	7,700	15,000	115,400
St. Joseph	10	3,000			
Other counties	10	500			
South Central (8)	20	3,500	3,400	8,000	27,200
Lenawee	5	300			
Other counties	21	100			
All other districts	26	400	400	16,000	6,400
		>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>	····	2002	
State total	210	28,000	26,000	11,000	286,000

Mint

Table 29.-Peppermint: Number of farms, acres, yield and production

County and district	Farms	Harvested	Yield	Production
	Number	Acres	Pounds per	Pounds
			acre	
Sanilac	4	290		
East Central (6)	4	290	35	10,150
Clinton	6	540		
Other counties	6	280		
South Central (8)	12	820	49	40,200
All other districts	2	290	45	13,050
State total	18	1,400	45	63,400

Table 30.-Spearmint: Number of farms, acres, yield and production

		0. 100, 00.	55, ,.5.a. aa.	p.oudouo
County and district	Farms	Harvested	Yield	Production
	Number	Acres	Pounds per	Pounds
			acre	
Clinton	10	1,350		
Other counties	8	400		
South Central (8)	18	1,750	44	77,000
All other districts	4	450	36	16,000
State total	22	2,200	42	93,000

Onions, dry

Table 31.-Onions, dry: Number of farms, acres, yield and production

County and district	Farms	Planted	Harvested	Yield	Production
	Number	Acres	Acres	Pounds per	1,000
				acre	pounds
Muskegon	3	350			
Newaygo	14	1,500			
West Central (4)	17	1,850	1,850	23,000	42,500
Central (5)	6	700	650	31,000	20,100
Bay	10	60			
Other counties	7	90			
East Central (6)	17	150	150	23,000	3,450
Allegan	6	660			
Ottawa	12	620			
Van Buren	5	410			
Other counties	7	110			
Southwest (7)	30	1,800	1,750	32,000	56,000
Ingham	3	450			
Ionia	4	300			
Other counties	16	850			
South Central (8)	23	1,600	1,600	33,000	52,750
Lapeer	6	300			
Other counties	12	100			
Southeast (9)	18	400	400	27,000	10,800
State total	111	6,500	6,400	29,000	185,600

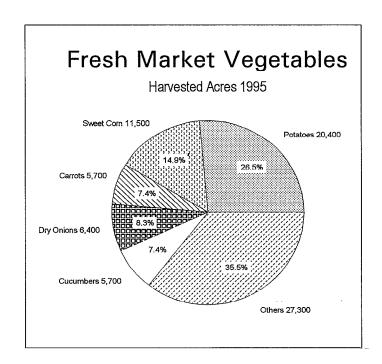
Peas, green

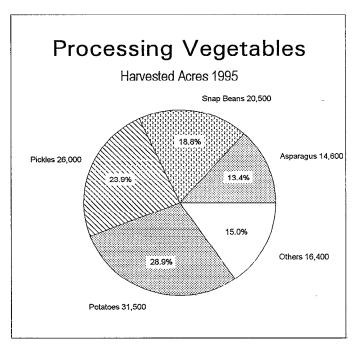
Table 32.-Peas, green (for processing): Number of farms, acres, yield and production

County	Farms	Planted	Harvested	Yield	Production
	Number	Acres	Acres	Pounds per	1,000
				acre	pounds
Montcalm	10	1,500			
Other counties	2	100			
State total	12	1,600	1,500	4,600	6,900

Table 33.-Peas, green (for fresh market): Number of farms, acres, yield and production

County	Farms	Planted	Harvested	Yield	Production
	Number	Acres	Acres	Pounds per	1,000
				acre	pounds
State total	. 25	50	50		215





Peppers, bell

Table 34.-Peppers, bell: Number of farms and planted acres

County and district	Farms	Planted
	Number	Acres
Newaygo	5	300
Oceana	4	180
Other counties	5	20
West Central (4)	14	500
Gratiot	10	260
Other counties	9	10
Central (5)	19	270
Bay	22	140
Other counties	18	40
East Central (6)	40	180
Berrien	41	310
Kent	17	90
Ottawa	15	120
Other counties	27	210
Southwest (7)	100	730
Macomb	31	100
Monroe	14	110
Other counties	58	170
Southeast (9)	103	380
All other districts	54	140
State total	330	2,200

Table 35.-Peppers, bell (for processing): Acres, yield and production

District	Harvested	Yield	Production
	Acres	Pounds per	1,000
		acre	pounds
Central (5)	120	21,000	2,500
All other districts	230	15,000	3,450
State total	350	17,000	5,950

Table 36.-Peppers, bell (for fresh market): Acres, yield and production

District	Harvested	Yield	Production
	Acres	Pounds per	1,000
		acre	pounds
West Central (4)	370	18,000	6,660
Central (5)	140	16,000	2,240
East Central (6)	170	18,000	3,060
Southwest (7)	690	19,000	13,110
Southeast (9)	250	13,000	3,250
All other districts	130	11,000	1,430
State total	1,750	17,000	29,750

Peppers, other

Table 37.-Peppers, other: Number of farms and planted acres

County and district	Farms	Planted
	Number	Acres
Oceana	3	190
Other counties	3	90
West Central (4)	6	280
Gratiot	4	360
Central (5)	4	360
Bay	10	85
Other counties	11	75
East Central (6)	21	160
Berrien	15	85
Other counties	23	55
Southwest (7)	38	140
Southeast (9)	42	340
All other districts	24	120
State total	135	1,400

Table 38.-Peppers, other (for processing): Acres, yield and production

District	Harvested	Yield	Production	
District				
	Acres	Pounds per	1,000	
		acre	pounds	
West Central (4)	250	17,000	4,250	
Central (5)	320	17,000	5,430	
Southeast (7)	290	20,000	5,790	
All other districts	340	11,000	3,730	
State total	1,200	16,000	19,200	

Table 39.Peppers, other (for fresh market): Acres, yield and production

District	Harvested	Yield	Production
	Acres	Pounds per	1,000
		acre	pounds
Southwest (7)	50	8,900	445
Southeast (9)	40	8,400	335
All other districts	60	12,000	720
State total	150	10,000	1,500

Potatoes

Table 40.-Potatoes: Number of farms and acres, by size group

Size group	Farms	Total
Acres	Number	Acres
Less than 5	120	200
524.9	46	500
2599.9	68	3,900
100199.9	53	7,300
200299.9	21	5,100
300499.9	27	10,500
500999.9	16	10,700
1,000 or more	9	16,800
State total	360	55,000

Table 41.-Potatoes: Planted acres

	ıuı	or Tirrotatooc	i i idiicod doloc		
District	Planted for fresh market	Planted for chipping	Planted for freezing	Planted for seed	Total planted
	Acres	Acres	Acres	Acres	Acres
Upper Peninsula (1)	1,600	400	900	1,500	4,400
Northwest (2) and West Central (4)	2,500	0	400	500	3,400
Northeast (3)	3,700	350	50	600	4,700
Central (5)	1,650	10,200	2,850	0	14,700
East Central (6)	7,500	6,500	0	0	14,000
Southwest (7)	350	1,250	400	0	2,000
South Central (8)	1,750	5,200	750	0	7,700
Southeast (9)	1,450	2,600	50	0	4,100
State total	20,500	26,500	5,400	2,600	55,000

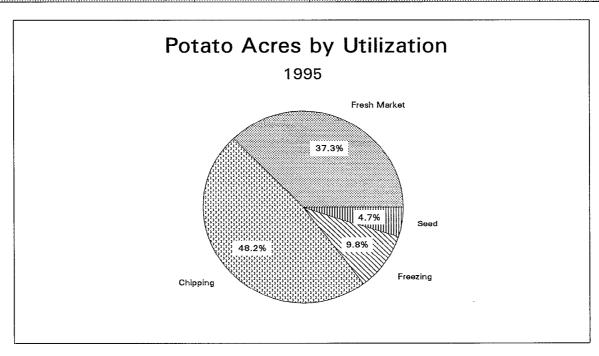


Table 42.-Potatoes: Number of farms, yield, and production

	able 42Potato	es: Number of f	arms, yield, and	production	
County and district	Farms	Planted_	Harvested	Yield	Production
	Number	Acres	Acres	Pounds per	1,000
	,			acre	pounds
Delta	11	1,000			
Dickinson	9	1,400			
Marquette	3	700			
Other counties	19	1,300			
Upper Peninsula (1)	42	4,400	4,300	28,000	120,000
Kalkaska	5	1,100			
Other counties	35	2,300			
Northwest (2) and		-			
West Central (4)	40	3,400	3,400	24,000	81,500
Alpena	6	900			
Otsego	5	700			
Presque Isle	25	3,100			
Northeast (3)	36	4,700	4,600	24,500	112,500
Montcalm	41	11,700	-,	,	
Other counties	12	3,000			
Central (5)	53	14,700	14,500	35,000	507,000
Arenac	5	1,100			
Bay	46	6,500			
Saginaw	7	1,400			
Tuscola	4	3,600			
Other counties	5	1,400			
East Central (6)	67	14,000	14,000	29,000	406,000
Allegan	8	1,100			
Other counties	34	900			
Southwest (7)	42	2,000	1,900	30,000	57,000
Eaton	4	700			
St. Joseph	11	5,500			
Other counties	19	1,500			
South Central (8)	34	7,700	7,700	31,000	238,500
Genesee	4	1,000			
Lapeer	8	500			
Lenawee	5	500			
Monroe	11	1,400			
Other counties	18	700			
Southeast (9)	46	4,100	4,100	27,500	112,500
State total	360	55,000	54,500	30,000	1,635,000

Table 43.-Potatoes: Acres and production, by utilization

Use	State total planted			State production
	Acres	Acres	Cwt.	Cwt.
Fresh market	20,500	20,400	270	5,510,000
Chipping	26,500	26,300	320	8,420,000
Freezing	5,400	5,200	350	1,820,000
Seed	2,600	2,600	230	600,000
State total	55,000	54,500	300	16,350,000

Pumpkins

Table 44.-Pumpkins: Number of farms, Acres, yield and production

County and district	Farms	Planted	Harvested	Yield	Production
	Number	Acres	Acres	Pounds per	1,000
				acre	pounds
Central (5)	27	450	300	14,000	4,200
Bay	22	140			
Saginaw	10	70			
Other counties	10	40			
East Central (6)	42	250	200	17,000	3,400
Allegan	13	45			
Berrien	40	200			
Kent	30	90			
Ottawa	18	60			
Van Buren	10	90			
Other counties	17	65			
Southwest (7)	128	550	500	14,000	7,000
Clinton	6	45			
Eaton	8	50			
Hillsdale	5	35			
Ingham	9	35			
Ionia	7	35			
Jackson	6	40			
Other counties,.	30	110			
South Central (8)	71	350	300	12,000	3,600
Genesee	17	80			
Lapeer	16	120			
Macomb	46	630			
Monroe	22	200			
Oakland	17	170			
Washtenaw	15	140			
Wayne	9	130			
Other counties	27	210			
Southeast (9)	169	1,680	1,500	12,000	18,000
Upper Peninsula (1)	8	15			
Northwest (2)	30	65			
Northeast (3)	18	55			
West Central (4)	17	85			
All other districts	73	220	200	14,000	2,800
<u></u>		<u>.</u>			
State total	510	3,500	3,000	13,000	39,000

Radishes

Table 45.-Radishes: Number of farms, acres, yield and production

County and district	Farms	Planted	Harvested	Yield	Production
	Number	Acres	Acres	Pounds per acre	1,000 pounds
Allegan	3	750		acre	pounus
Other counties	5	350			
Southwest (7)	8	1,100	900	5,400	4,850
Ingham	1	750			
Other counties	3	850			
South Central (8)	4	1,600	1,550	4,300	6,660
Southeast (9)	8	500	470	6,500	3,050
All other districts	6	100	80	5,500	440
State total	26	3,300	3,000	5,000	15,000

Squash, summer

Table 46.-Squash, summer (for processing): Number of operations, acres, yield, and production

County	Farms	Planted	Harvested	Yield	Production
	Number	Acres	Acres	Pounds per acre	1,000 pounds
Oceana	7	470			pourruo
Other counties	4	180			
State total	11	650	600	30,000	18,000

Table 47.-Squash, summer (for fresh market): Number of operations, acres, yield, and production

County and district	Farms	Planted	Harvested	Yield	Production
	Number	Acres	Acres	Pounds per acre	1,000 pounds
Oceana	4	210			•
Other counties	5	90			
West Central (4)	9	300	290	23,000	6,670
Berrien	37	410			
Other counties	33	150			•
Southwest (7)	70	560	540	20,000	10,800
Macomb	25	160			
Other counties	36	80			
Southeast (9)	61	240	230	18,000	4,140
All other districts	70	150	140	17,000	2,390
State total	210	1,250	1,200	20,000	24,000

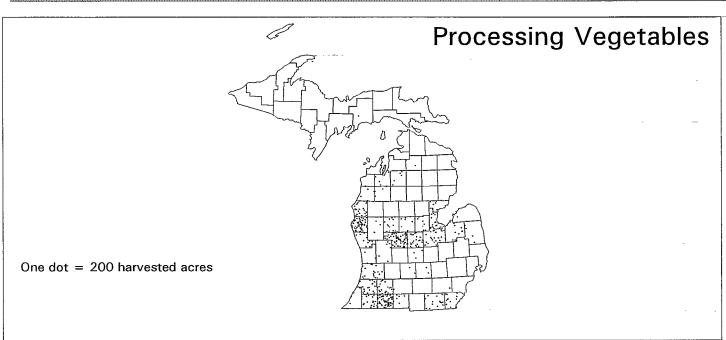
Squash, winter

Table 48.-Squash, winter (for processing): Number of operations, acres, yield, and production

County and district	Farms	Planted	Harvested	Yield	Production
	Number	Acres	Acres	Pounds per acre	1,000 pounds
Mason and					,
Newaygo	5	380	380		
Oceana	8	570	570		
West Central (4)	13	950	950		
Lenawee	3	50	50		
Southeast (9)	3	50	50		
State total	16	1.000	1,000	31,000	31,0

Table 49.-Squash, winter (for fresh market): Number of operations, acres, yield, and production

County and district	Farms	Planted	Harvested	Yield	Production
	Number	Acres	Acres	Pounds per acre	1,000 pounds
Bay	23	90		dore	pourido
Other counties	17	40			
East Central (6)	40	130	120	18,000	2,150
Berrien	31	350			
Kent	16	210			
Ottawa	20	470			
Other counties	28	120			
Southwest (7)	95	1,150	1,100	17,000	18,700
Macomb	42	240			
St Clair	10	70			
Other counties	46	140			
Southeast (9)	98	450	430	13,000	5,550
All other districts	102	370	350	16,000	5,600
State total	335	2,100	2,000	16,000	32,000



Strawberries

Table 50.-Strawberries: Number of farms and total acres

County and district	Farms	Total
	Number	Acres
Houghton	8	40
Other counties	11	90
Upper Peninsula (1)	19	130
Leelanau	12	100
Manistee	12	110
Other counties	14	40
Northwest (2)	38	250
Oceana	9	105
Other counties	5	15
West Central (4)	14	120
East Central (6)	20	100
Berrien	26	250
Kent	15	90
Van Buren	11	80
Other counties	20	110
Southwest (7)	72	530
South Central (8)	41	240
Macomb	8	65
Washtenaw	9	55
Other counties	38	200
Southeast (9)	55	320
All other districts	21	110
State total	280	1,800

Table 51.-Strawberries (for fresh market): Harvested acres,

vield, and production

	riciu, anu proi	Juction	
District	Harvested	Yield	Production
	Acres	Pounds per	1,000
	Acres	acre	pounds
Upper Peninsula (1)	120	4,500	540
Northwest (2)	110	7,000	770
West Central (4)	110	5,500	605
East Central (6)	95	4,500	425
Southwest (7)	450	6,400	2,880
South Central (8)	230	7,000	1,610
Southeast (9)	300	5,500	1,650
All other districts	105	4,700	490
State total	1,520	5,900	8.970

Table 52.-Strawberries (for processing): Harvested acres, vield, and production

yieid, and production								
District	Harvested	Yield	Production					
	Acres	Pounds per	1,000					
	7.107.00	acre	pounds					
Northwest (2)	120	7,300	876					
Southwest (7)	60	5,400	324					
State total	180	6,700	1,200					

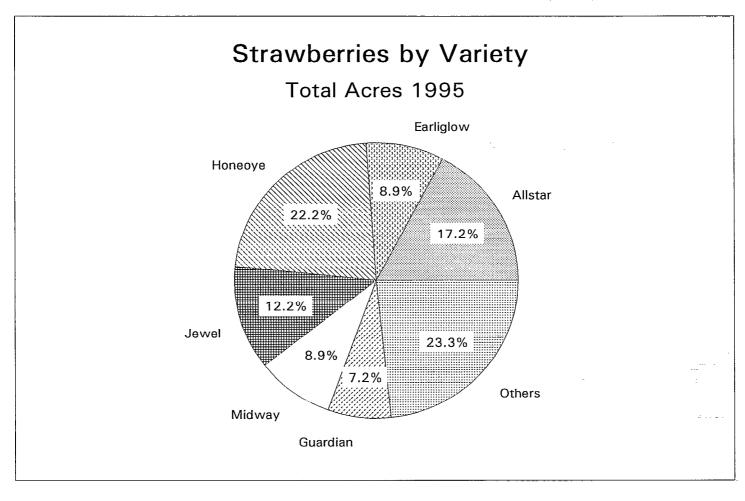


Table 53.-Strawberry varieties: Acres by year of planting

	1 abit	= 55Strawt	erry vaneue	S. Acres by	year or prami	ing	
Variety	1990 and before	1991	1992	1993	1994	1995	State total
Allstar	32	57	42	69	83	27	310
Annapolis	0	0	6	8	23	8	45
Cavendish	7	1	8	23	38	8	85
Earliglow	8	23	58	30	16	25	160
Glooscap	0	0	0	2	6	2	10
Guardian	9	0	15	86	. 15	5	130
Honeoye	56	53	78	98	89	26	400
Jewel	7	19	47	72	49	26	220
Kent	4	2	7	30	36	1	80
Lateglow	9	6	12	2	8	8	45
Lester	О	0	3	5	0	2	10
Midway	17	13	39	62	28	1	160
Red Chief	11	4	21	35	3	6	80
Seneca	О	0	3	11	8	3	25
Sparkle	0	2	5	2	9	2	20
Other	0	0	6	5	9	0	20
State total	160	180	350	540	420	150	1,800

Tomatoes

Table 54.-Tomatoes (for processing): Number of farms, acres, yield and production

County and district	Farms	Planted	Harvested	Yield	Production
	Number	Acres	Acres	Pounds per acre	1,000 pounds
St. Joseph	5	1,200			
Other counties	5	500			
South Central (8)	10	1,700	1,700	63,000	107,000
Lenawee	21	1,600			
Monroe	9	1,300			
Southeast (9)	30	2,900	2,800	58,000	163,000
State total	40	4,600	4,500	60,000	270,000

Table 55.-Tomatoes (for fresh market): Number of farms, acres, yield and production

County and district	Farms	Planted	Harvested	Yield	Production	
	Number	Acres	Acres	Pounds per acre	1,000 pounds	
Bay	31	95			<i>p</i> =	
Other counties	24	45				
East Central (6)	55	140	130	20,000	2,600	
Berrien	76	1,050				
Other counties	94	700				
Southwest (7)	170	1,750	1,600	15,000	24,000	
South Central (8)	65	120	110	14,000	1,550	
Macomb	42	110				
Monroe	18	180				
Other counties	85	210				
Southeast (9)	145	500	480	13,000	6,250	
All other districts	65	90	80	20,000	1,600	
State total	500	2.600	2,400	15,000	36,000	

Survey Methods and Questionnaire

Data Collection

The 1995 Triennial Vegetable Survey questionnaire was mailed to all vegetable operations on the Michigan Agricultural Statistics Service's (MASS's) list sampling frame. The first mailing occurred in early October 1995. Questionnaires were sent to potato, mint and potential operations in late November 1995. Potential operations were listed on previously completed questionnaires as having vegetables, but were not on the original list sampling frame. Operators who did not respond by mail were telephoned or interviewed in person in November, December and January. Acres by crop were estimated for those who refused or who were inaccessible. Completion rates by type were as follows: mailed--15 percent; telephoned--54 percent; interviewed--14 percent; estimated--17 percent.

Estimation

Estimates of acreage, yield, and production contained in this publication represent the current "best" estimate by the Michigan Agricultural Statistics Service. Differences between these estimates and the USDA's Agricultural Statistics Board estimates have been reviewed. Due to revision policy, the statistics cannot be considered "official" until an Agricultural Statistics Board review has been completed. This review will take place in July for onions, September for potatoes, and January 1997 for most other vegetable crops.

It was assumed that for most crops in this publication the MASS list sampling frame was partially incomplete. Acres were increased from 1 to 20 percent to account for this. Adjustments were based on information from the Census of Agriculture, vegetable processors, NASS estimates, the Market News Service, the Agricultural Extension Service and the Farm Service Agency.

The percent cooperation varied widely by crop, as shown in the table below. A higher refusal and inaccessible rate meant more imputation was required.

Acres planted for major counties by vegetable crop and utilization are shown except where confidentiality rules prohibited publication to avoid disclosure of individual operations. The guideline used was fewer than three growers in the county or when one grower has more than 60 percent of the acres. Authorization letters were received from some large growers permitting publication.

Harvested acres and mean yields are shown at the agricultural statistics district level for major vegetable crops. They are published at the state level for minor crops. Yields in some cases, are rounded. Therefore, harvested acres multiplied by yield may not equal production.

Other

The definition of a commercial grower was anyone growing at least one acre of the crops of interest-strawberries, potatoes, mint or vegetables. There was a total of 2,130 such farms identified, down 150 farms from three years ago. Most of the decline was in small farms. Three years ago there were 1,515 farms with fifty or fewer acres of vegetables. That count fell to 1,390 in 1995. The total acres of vegetables changed little since 1992.

Many former growers are still farming, but have quit raising vegetables. A sample of these farmers was asked why they no longer grow vegetables. The responses were as follows: "Low prices"--20 percent; "Poor crops"--15 percent; "Not enough time"--23 percent; "Too old or poor health"--18 percent; "Labor shortages or regulation"--11 percent; "Other reasons"--13 percent.

Data for all general vegetable charts include potatoes and strawberries, but excludes mint. Mint was included in the 1995 survey at industry request.

Information on strawberry acreage, yield and varieties are included in this bulletin. Beginning in 1997, however, it will be collected and published with the triennial fruit inventory.

Several vegetable farms operated in more than one county. When this occurred, the individual crop acres were split according to the percentage of total vegetable acres in each county. However, the farm was attributed to only the county with the majority of vegetable acres.

Percent of Acres Imputed

Crop	Percent	Crop	Percent
Asparagus	21.1	Onions, dry	13.2
Beans, snap	23.2	Peppers, bell	24.6
Cabbage	12.2	Peppers, other	19.8
Cantaloups	45.8	Potatoes	26.3
Carrots	10.8	Pumpkins	12.3
Cauliflower	6.0	Radishes	0.1
Celery	8.3	Squash, summer	10.2
Corn, Sweet (fresh)	26.0	Squash, winter	8.2
Cucumbers, pickling	6.1	Strawberries	20.8
Cucumbers, slicing	11.7	Tomatoes (fresh)	47.2
Mint	31.8	Tomatoes (processing)	11.8



Rotational Vegetable Survey 1995

Telephone: (517) 377-1834 Facsimile: (517) 377-1829

October 1995

Marty Saffell, Margaret Espie

Dear Grower:

Thank you,

Don J. Fedewa

The Michigan Department of Agriculture is conducting an inventory of Michigan's vegetable acreage. There is a demand for marketing information at the county level. We need your help to insure that all vegetable acreage and production is counted. For this report, mint, potatoes and strawberries are included. Please report your acreage and yield of vegetable crops. The information you report is kept confidential. Response to this survey is voluntary and not required by law. Your cooperation, however, is very important and greatly appreciated. Please complete and return this questionnaire promptly.

State Statistician Statisticians Af not growing vegetables, mint, potatoes, or To avoid duplication, indicate below any farm name or partner(s) associated with this operation not included strawberries, check reason below and give new operator's in the above address. √Farm sold. Farm Name: __ 4.

Entire farm rented to others. 2. ☐ Retired from farming. Partner's Name(s): _____ 3.

Not a grower. Address: __ New Operator Name: City: _____ Address: Zip: _____ Phone: _____ Instructions: Include land rented from others, but exclude land rented to others. When a crop is used for fresh market and processing, please distinguish between the two uses. Acres 901 C. Vegetables, mint, potatoes, and strawberries in major county ____ of operation. (specify county) D. Vegetables, mint, potatoes, and strawberries in secondary county 904 of operation. (specify county)

Vegetables									
Commodity	Use	Acres planted in 1994 (nearest tenth)	Acres planted in 1995 (nearest tenth)	Acres harvested in 1995 (nearest tenth)	1995 Yield (pounds/acre)	Average price (cents/lb)			
	Fresh	101	102	103	104	105			
Beans, snap	Processing		142	143	144				
Beets, red	Fresh		152 •	153 •	154				
Proposi	Fresh		172 •	173 •	174				
Broccoli	Processing		182	183 •	184				
Cohbons	Fresh	201	202	203	204	205			
Cabbage	Processing		192	193	194				
Cantaloupes	Fresh	301	302	303	304	305			
Carrots	Fresh	401	402	403	404	405			
Carrots	Processing		2/2	2 13	214				
Cauliflower	Fresh	501	502	503 •	504	505			
Caumower	Processing	DI	222	223	224				
Celery	Fresh	60)	602	603	604	605			
Celei y	Processing		232	233	234				
Corn, sweet	Fresh	701	702 •	703	704	705			
CQIII, SWeet	Processing		242	243	244				
Cucumbers	Fresh	801	802 •	803	804	805			
Cucumbers for pickles	Processing		252	253 •	254				
Greens (collard,mustard, etc.)	Fresh		262	263	264				
Lettuce, head	Fresh		282	283	284				
Lettuce, other	Fresh		292	293	294				

		Vegetal	oles (continue			
Commodity	Use	Acres planted in 1994 (nearest tenth)	Acres planted in 1995 (nearest tenth)	Acres harvested in 1995 (nearest tenth)	1995 Yield (pounds/acre)	Average price (cents/lb)
Onions, dry	Fresh	111	112	113	114	115
Onions, green	Fresh		322	323	324	
	Fresh	121	122	123	124	125
Peppers, bell	Processing		332	333	334	
	Fresh		342	343	344	
Peppers, other	Processing		352	353	354	
	Fresh		362	363	364	
Pumpkins	Processing		372	373	374	
Radishes	Fresh		382	383	384	
	Fresh	^	302	393	394	
Squash, summer	Processing		*12	413	414	
	Fresh		422	423	424	
Squash, winter	Processing	フィ	432	433	434	
	Fresh	131	132	133	134	135
Tomatoes	Processing		442	443	444	
Turnips	Fresh		452 •	453	454	
Watermelons	Fresh		472	473 •	474	
Other*	Fresh		482	483	484	
(specify)	Processing		492	493	494	
Other*	Fresh		512	513	514	
(specify)	Processing		522	523 •	524	

^{*}Other vegetables may include eggplant, parsley, parsnips, rhubarb, spinach and any other vegetable not listed.

		Aspa	ragus		. 098
Current total acres	Use	Acres harvested in 1994 (nearest tenth)	Acres harvested in 1995 (nearest tenth)	1995 yield (pounds/acre)	Average price (cents/lb)
190		196	197	198	199
	Fresh	•	•		
		206	207	208	209
	Processing	•	•		

		Straw	berries		
Current total acres	Use	Acres harvested in 1994 (nearest tenth)	Acres harvested in 1995 (nearest tenth)	1995 yield (pounds/acre)	Average price (cents/lb)
170		176	177	178	179
	Fresh	•	•	. //	
		186	187	188	189
	Processing	•	•		

Please report current total acres of asparagus and strawberries by variety below.

Asparagus	
Crop type = A	
Variety	Code
Apollo	101
Centennial	102
Jersey Gem	103
Jersey General	104
Jersey Giant	105
Jersey Knight	106
Mary Washington	107
Syn 4-56	108
Viking KB3	109

Use Code, if available.

If not on the list, write in variety or hybrid pante.

Strawberries				
Crop type = S				
Variety	Code	Variety	Code	
Allistat	201	Kent	209	
Annapolis	202	Lateglow	210	
Cavendish	203	Lester	211	
Earliglow	204	Midway	212	
Glooscap	205	Red Chief	213	
Guardian	206	Scott	214	
Honeoye	207	Sparkle	215	
Jewel	208			

Field (Name or Number)	County (Name)	Crop type	Variety/hybrid (code or name)	Year planted	Acres (nearest tenth)
					•
					•
					•
					•
					•
					•
					•
					•
					•
					•
					•
					•
					•
					•

Location	Use	Acres planted in 1995	Acres harvested in 1995	Yield (cwt./acre)
	Fresh	106	107	108
County 1:	Chipping	216	217	218
(specify)	Freezing	306	307	308
(0,000),	Seed	406	407	408
	Fresh	506	507	508
County 2:	Chipping	606	607	608
	Freezing	706	707	798
(specify)		806	807	808
	Seed	116	117	118
County 3:	Fresh	126	127	128
County 5.	Chipping	136	197	138
(specify)	Freezing		127	
	Seed	146		148
		Mint		
in rype	harv est ed 1994	Acres harvested	Pounds of oil produced per acre in 1995	1995 average oil price (dollars/lb)
Peppermint 156		157	158	159
166 Spearmint		167	168	169
To help insure accurate and co		ige of commercial vegeta	ble crops, please list the	name and address of the
commercial vegetable grower n	earest you.			
NAME:		STREET ADDRESS A	ND CITY:	
REPORTED BY:		TELEPHONE:		DATE:
		For Office Use Only		
		FOI OTHER USE OTHY	Status code	910
Enumerator		1=Int 2=1	Fel 3 = Mail 4 = Ref 5 = I	

Potatoes

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